

# PNY

# CS900



Ideal for  
PC Upgrade

The PNY CS900 2.5-inch SATA-III (6 Gb/s) solid-state drive (SSD) is the mainstream performance line of PNY SSDs. It is an excellent choice for an upgrade from a hard disk drive (HDD). The PNY CS900 was designed to be an easy and cost-effective HDD replacement for your existing PC system, without having to sacrifice performance. Upgrading to the CS900 SSD will help you experience an overall performance boost. Boot up, power down, and load applications in seconds. With no moving parts, the PNY CS900 is highly durable and includes a 3-year limited warranty.\* In addition, the CS900 now includes the Acronis® True Image HD 2018 data migration software, which allows for a seamless experience when transferring data from an existing drive to a new PNY solid-state drive.

The PNY CS900 is an excellent choice for energy efficiency and consumes significantly less power than hard drives. Users can benefit from lower power usage, longer battery life, and a cooler, quieter system. Spend more time enjoying your system and less time worrying about battery consumption. The CS900 lineup is available in a range of capacities from 120GB to 960GB.

The PNY CS900 is engineered with the same level of quality and durability that our consumers have enjoyed with the CS1311 SSDs. PNY's extensive testing and rigorous validation process ensures compatibility across various platforms and multiple operating systems.

## APPLICATIONS

- Mainstream SSD for PC upgrade
- Cost effective HDD replacement for better overall performance

## FEATURES AND BENEFITS

- Sequential Read of up to 550MB/s and Write of up to 515MB/s
- Faster boot up and quicker application launch
- Better overall system performance
- Reliable storage
- Low power consumption, cool and quiet operation

## Available Options



**CS900**  
Solid State Drive

## SPECIFICATIONS

### CS900 Solid State Drive

Usable Capacities (IDEMA)	120GB, 240GB, 480GB, 960GB				
PNY Part Number	120GB: SSD7CS900-120-RB 240GB: SSD7CS900-240-RB 480GB: SSD7CS900-480-RB 960GB: SSD7CS900-960-RB				
Box Dimensions	3.94" x 5.13" x 0.63"				
NAND Components	3D TLC Flash Memory				
Interface	SATA-III (6 Gb/s); Backwards compatible with SATA-II				
Form Factor	2.5-inch				
Dimensions (L x W x H)	2.75" x 3.9" x 0.25"				
Weight	45g				
<b>PERFORMANCE</b>	<b>120</b>	<b>240</b>	<b>480</b>	<b>960</b>	<b>Units</b>
Max Sequential Read	515	535	550	535	MB/s
Max Sequential Write	490	500	500	515	MB/s
<b>POWER</b>					
SATA Link Power Management	Idle, Partial, Slumber				
Power Island Support	Power Efficiency Management System				
<b>ENVIRONMENTAL</b>					
Operating Temperature	0°C ~ 70°C				
Storage Temperature	-40°C ~ 85°C				
Certifications	RoHS, CE, FCC, VCCI, BSMI, SATA IO, WEEE				
<b>RELIABILITY / SECURITY</b>					
Mean Time Between Failures (MTBF)	2,000,000 Hours				
Error Correction Code	Up to 120 bits per 2K sector				
Secure Erase	Standard, Enhanced Secure Erase				
Product Health Monitoring	Self-Monitoring, Analysis and Reporting Technology (S.M.A.R.T)				
Full End-to-End Data path protection	Supported				
RAID (0/1)	Supported				
<b>COMPATABILITY</b>					
Serial ATA	Fully compliant with SATA-10: Serial ATA Revision 3.0. ATA ATAPI-8 Standard Native Command Queuing (NCQ)				
Operating Systems	Windows 10, Windows 8, Windows 7, Windows Vista™, Windows XP™, Linux, Mac OS X, Ubuntu 14				
<b>ADDITIONAL FEATURES</b>					
Performance Optimization	TRIM (requires OS support)				
Service & Support	3-Year Limited Warranty * Toll free technical support lines				

\*For warranty details please see [www.pny.com](http://www.pny.com).